

Serial No.: 10/619,989

1 IN THE SPECIFICATION

2

3 Please amend the specification as follows:

4 On page 42 add the following paragraphs before the paragraph starting on line 7.

5 The invention further includes a method comprising transferring interrupts from a
6 peripheral device to a host computer system, the peripheral device having a plurality of
7 ports. The step of transferring interrupts comprising: storing interrupts generated by ports
8 of the peripheral device in a buffer; determining if a preset condition is met, and, in
9 response to the preset condition being met; generating a control data block comprising a
10 payload portion having a plurality of fields each corresponding to a different one of the
11 ports and a header portion having an identifier for identifying the control data block;
12 moving the contents of the buffer to the corresponding fields of the payload portion; and
13 sending the control data block to the host computer system via one of the ports.

14 Some embodiments of the method have one or more limitations including:

15 the step of determining if the preset condition is met comprises determining if the
16 buffer is full;

17 the step of determining if the preset condition is met comprises determining if at
18 least a predetermined plurality of indications is stored in the buffer and if a
19 predetermined period has elapsed;

20 the step of determining if the preset condition is met comprises determining if at
21 least one indication is stored in the buffer and if a predetermined period has
22 elapsed;

DOCKET NUMBER: IL20000078US1

2/30

Serial No.: 10/619,989

1 the header portion comprises a count indicative of the number of indications
2 included in the payload portion; and

3 the buffer comprises a first in - first out memory buffer.

4 Some embodiments of the invention include an article of manufacture comprising a
5 computer usable medium having computer readable program code means embodied
6 therein for causing transfer of interrupts, the computer readable program code means in
7 said article of manufacture comprising computer readable program code means for
8 causing a computer to effect the steps of a method of this invention.

9 Some embodiments of the invention include a program storage device readable by
10 machine, tangibly embodying a program of instructions executable by the machine to
11 perform method steps for transferring interrupts, said method steps comprising the steps
12 of a method of this invention.
13

DOCKET NUMBER: IL20000078US1

3/30